

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031124\
 Data File : VN081354.D
 Acq On : 11 Mar 2024 11:18
 Operator : JC\MD
 Sample : VN0311WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBL01

Quant Time: Mar 12 04:49:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

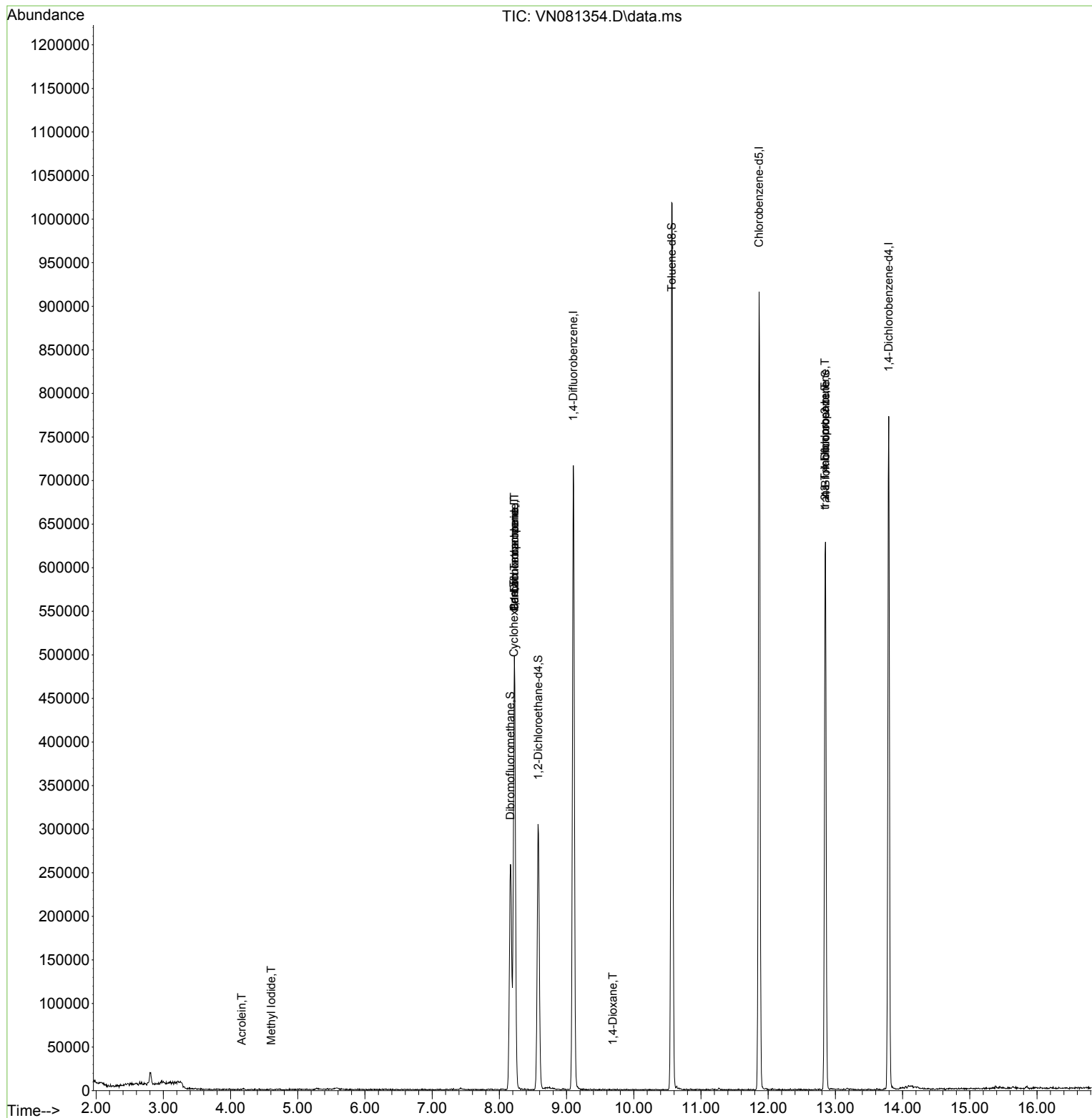
Internal Standards						
1) Pentafluorobenzene	8.224	168	332409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	601080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	499377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	189919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	246361	51.258	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.520%		
35) Dibromofluoromethane	8.165	113	186832	50.733	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.460%		
50) Toluene-d8	10.565	98	703748	51.120	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.240%		
62) 4-Bromofluorobenzene	12.853	95	219295	45.070	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 90.140%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.606	142	849	0.222	ug/l #	39
13) Acrolein	4.165	56	221	0.222	ug/l #	1
20) Methylene Chloride	5.277	84	846	Below Cal	#	42
31) Cyclohexane	8.218	56	9873	1.357	ug/l #	21
36) 1,1-Dichloropropene	8.224	75	30454	5.126	ug/l #	52
38) Carbon Tetrachloride	8.224	117	38461	6.432	ug/l #	19
49) 1,4-Dioxane	9.688	88	60	0.606	ug/l #	71
76) 1,2,3-Trichloropropane	12.847	75	119581	26.657	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	119581	74.396	ug/l #	14

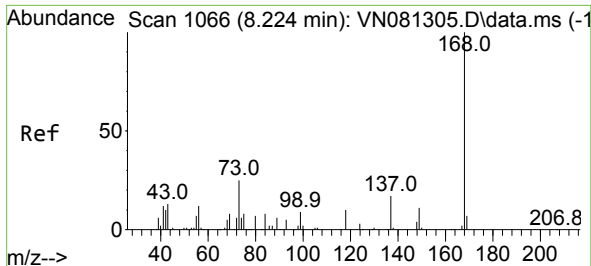
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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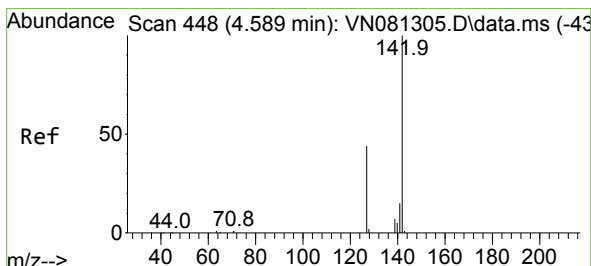
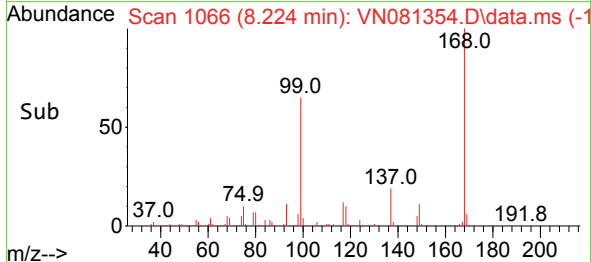
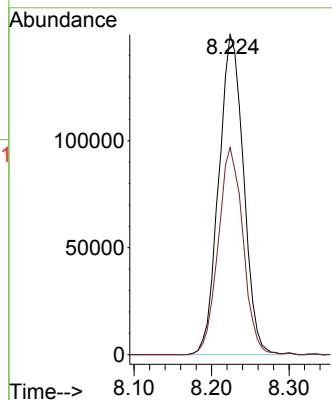
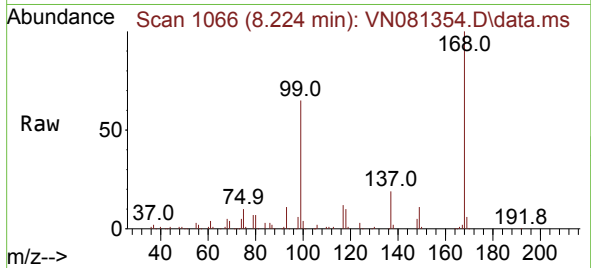




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081354.D
Acq: 11 Mar 2024 11:18

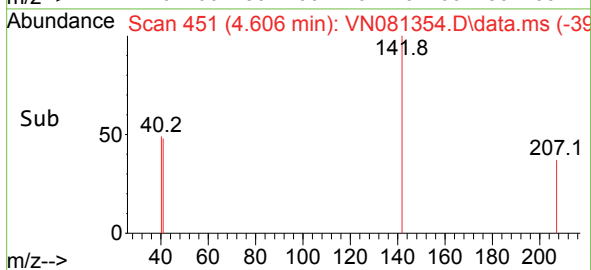
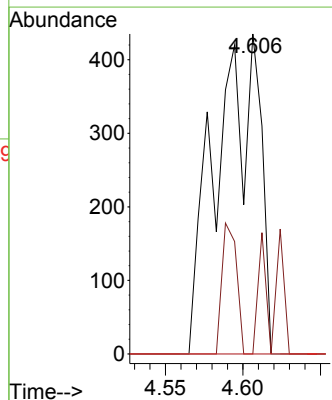
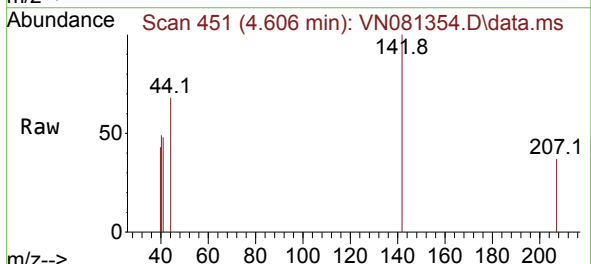
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBL01

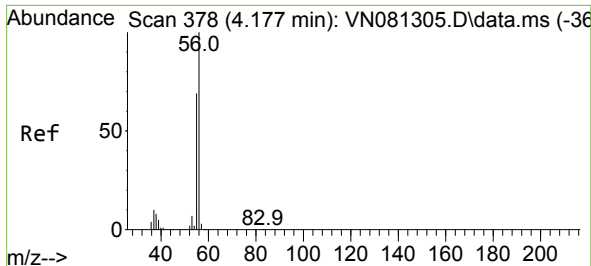
Tgt Ion:168 Resp: 332409
Ion Ratio Lower Upper
168 100
99 64.8 59.9 89.9



#10
Methyl Iodide
Concen: 0.222 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.018 min
Lab File: VN081354.D
Acq: 11 Mar 2024 11:18

Tgt Ion:142 Resp: 849
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.4#
141 0.0 12.5 18.7#





#13

Acrolein

Concen: 0.222 ug/l

RT: 4.165 min Scan# 31

Delta R.T. -0.012 min

Lab File: VN081354.D

Acq: 11 Mar 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :

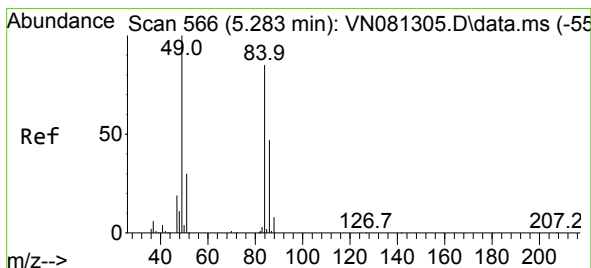
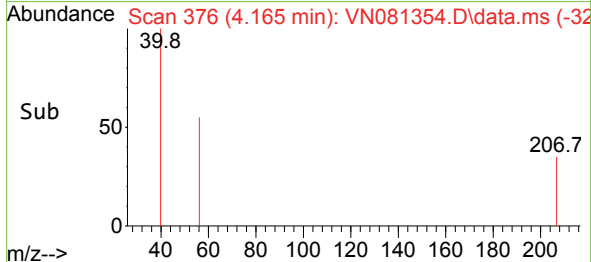
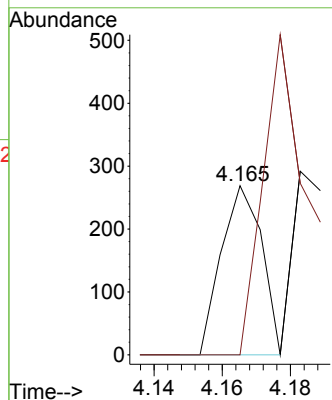
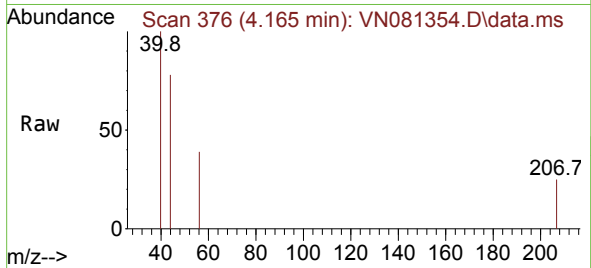
VN0311WBL01

Tgt Ion: 56 Resp: 221

Ion Ratio Lower Upper

56 100

55 197.3 55.3 82.9#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.277 min Scan# 565

Delta R.T. -0.006 min

Lab File: VN081354.D

Acq: 11 Mar 2024 11:18

Tgt Ion: 84 Resp: 846

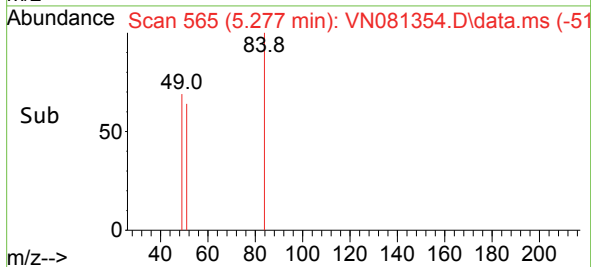
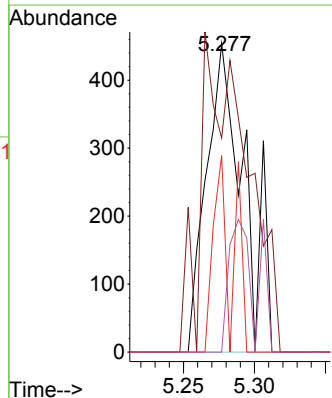
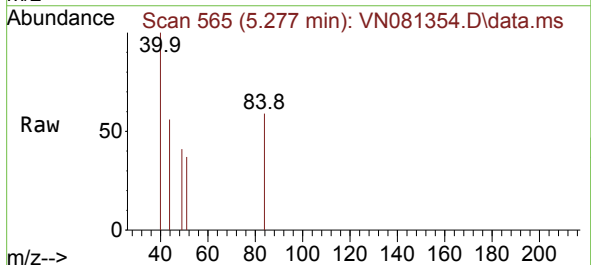
Ion Ratio Lower Upper

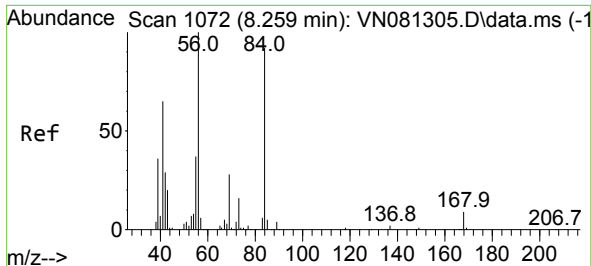
84 100

49 69.4 108.1 162.1#

51 63.7 32.9 49.3#

86 0.0 48.6 73.0#

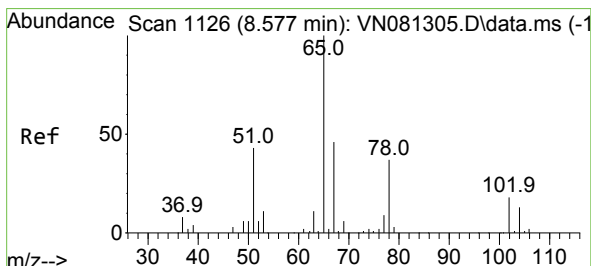
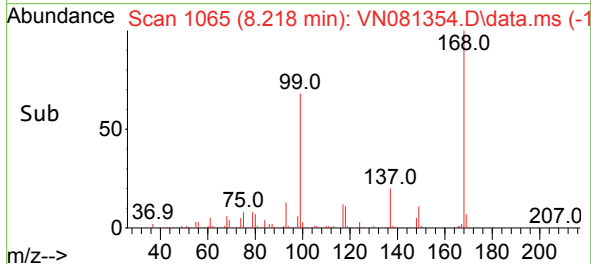
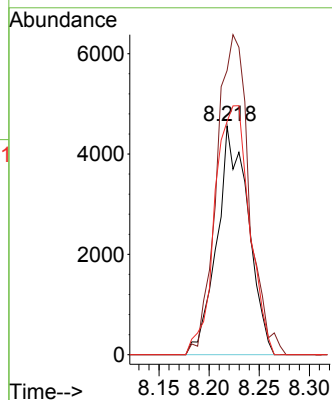
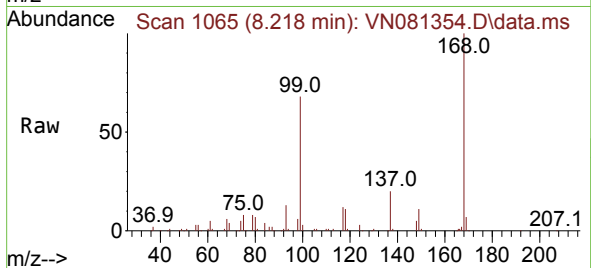




#31
Cyclohexane
Concen: 1.357 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081354.D
Acq: 11 Mar 2024 11:18

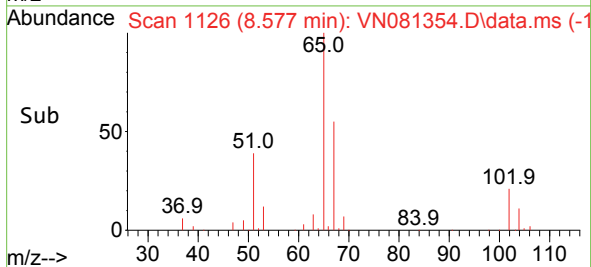
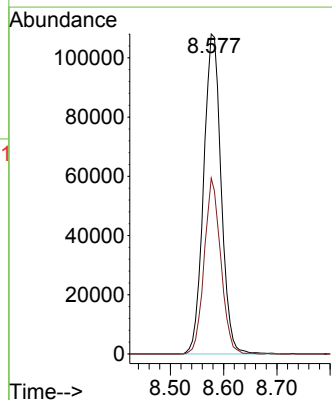
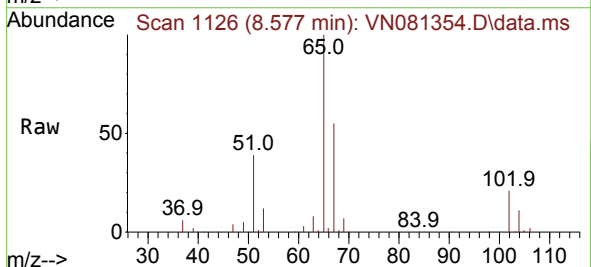
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBL01

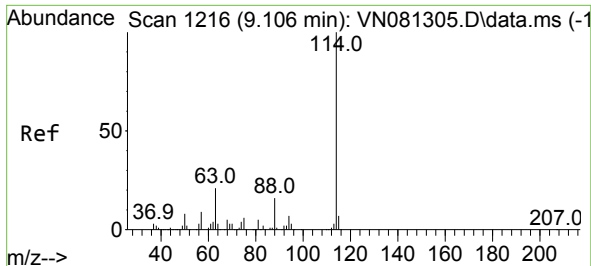
Tgt Ion: 56 Resp: 9873
Ion Ratio Lower Upper
56 100
69 124.3 20.1 30.1#
84 102.0 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 51.258 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081354.D
Acq: 11 Mar 2024 11:18

Tgt Ion: 65 Resp: 246361
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.4

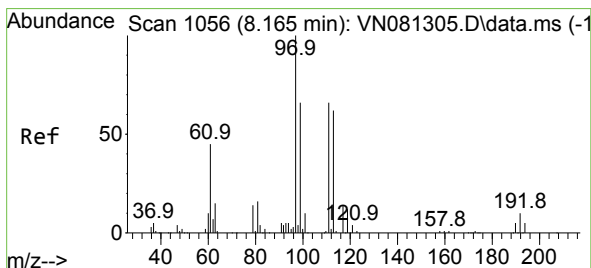
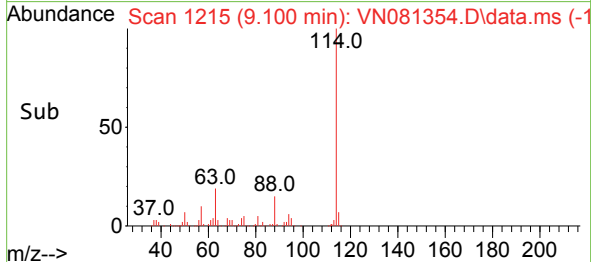
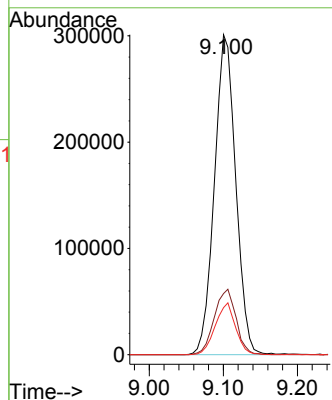
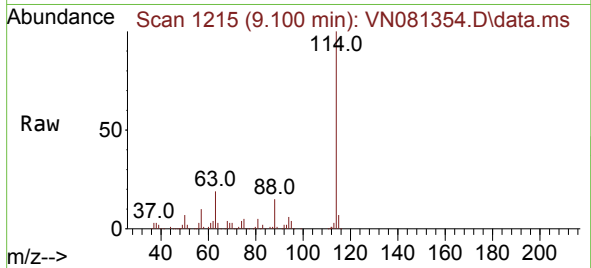




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081354.D
Acq: 11 Mar 2024 11:18

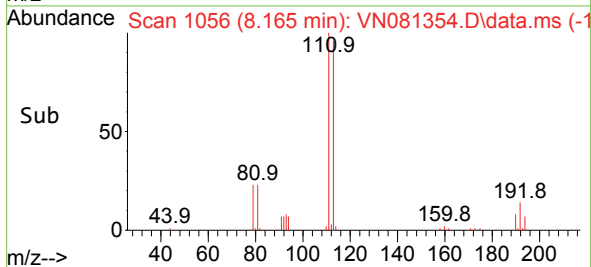
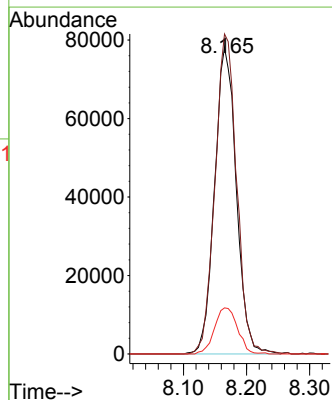
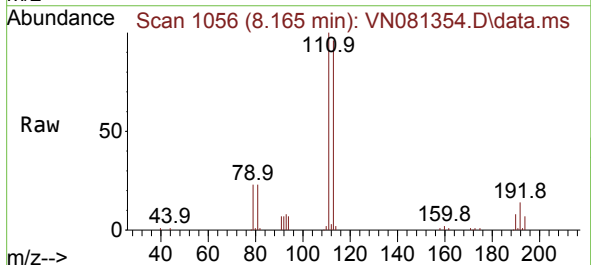
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBL01

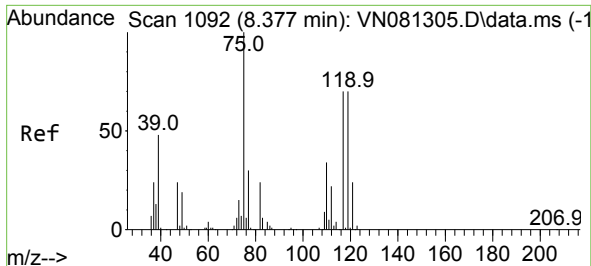
Tgt Ion:114 Resp: 601080
Ion Ratio Lower Upper
114 100
63 19.1 0.0 48.0
88 14.7 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.733 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081354.D
Acq: 11 Mar 2024 11:18

Tgt Ion:113 Resp: 186832
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 16.0 12.5 18.7





#36

1,1-Dichloropropene

Concen: 5.126 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN081354.D

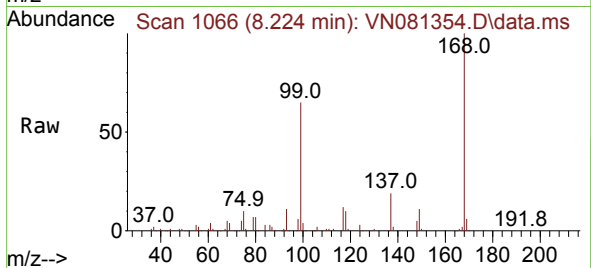
Acq: 11 Mar 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBL01



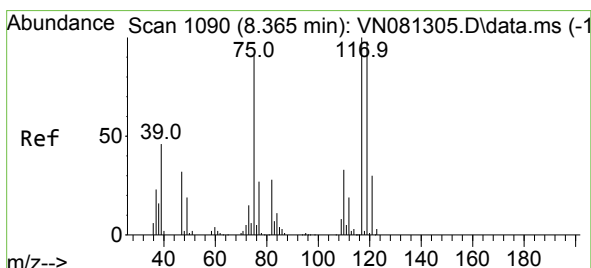
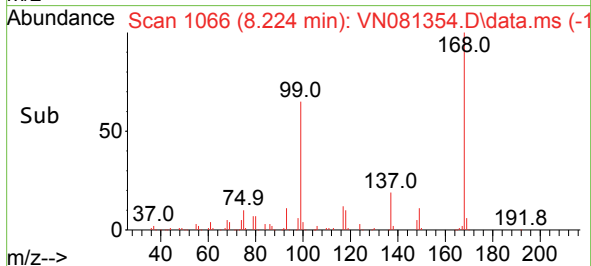
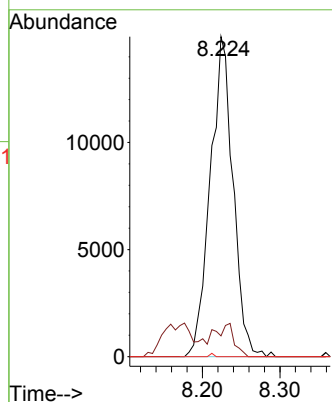
Tgt Ion: 75 Resp: 30454

Ion Ratio Lower Upper

75 100

110 10.4 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 6.432 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN081354.D

Acq: 11 Mar 2024 11:18

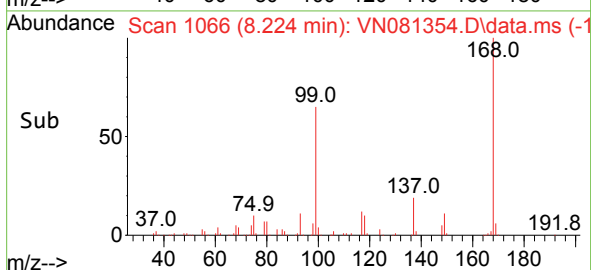
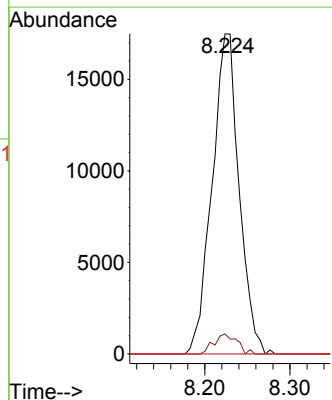
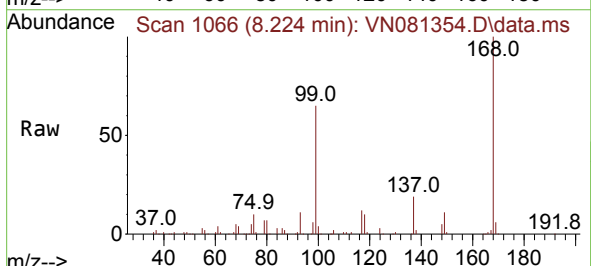
Tgt Ion: 117 Resp: 38461

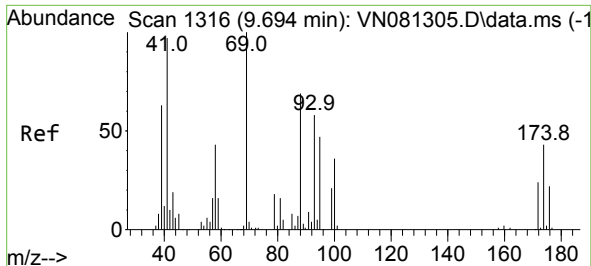
Ion Ratio Lower Upper

117 100

119 6.2 73.4 110.2#

121 0.0 24.4 36.6#





#49

1,4-Dioxane

Concen: 0.606 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081354.D

Acq: 11 Mar 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBL01

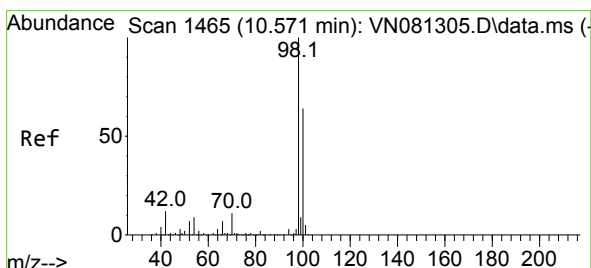
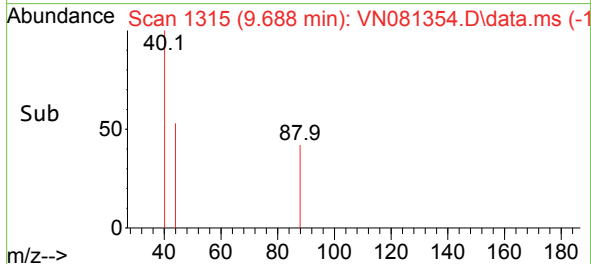
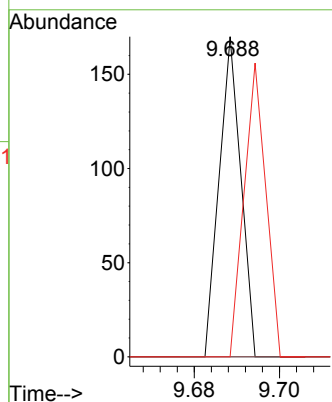
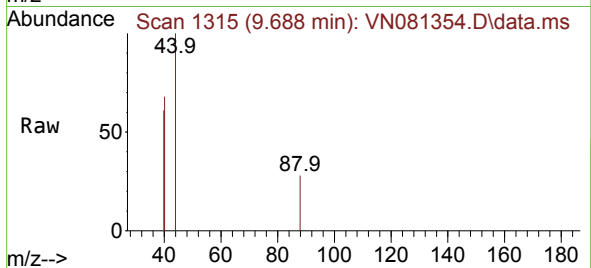
Tgt Ion: 88 Resp: 60

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 91.7 63.9 95.9



#50

Toluene-d8

Concen: 51.120 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081354.D

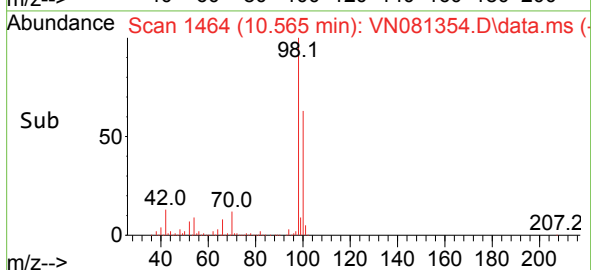
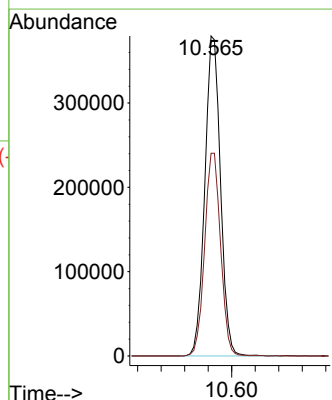
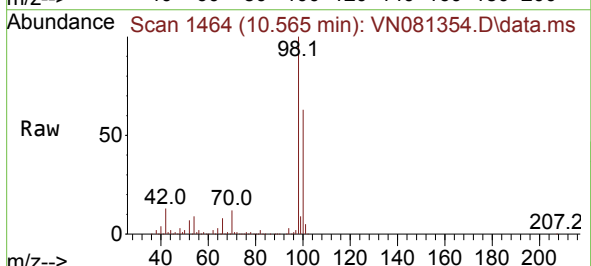
Acq: 11 Mar 2024 11:18

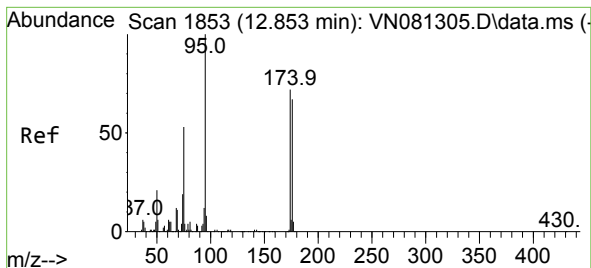
Tgt Ion: 98 Resp: 703748

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0

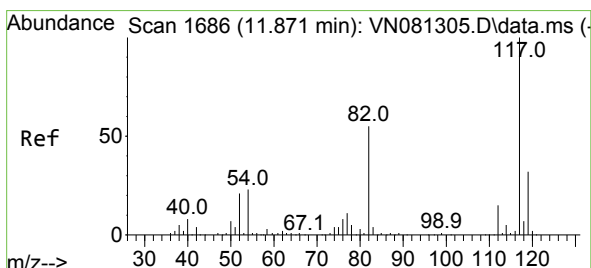
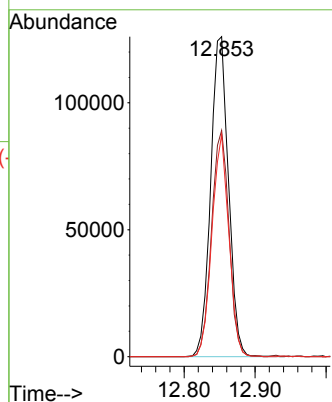
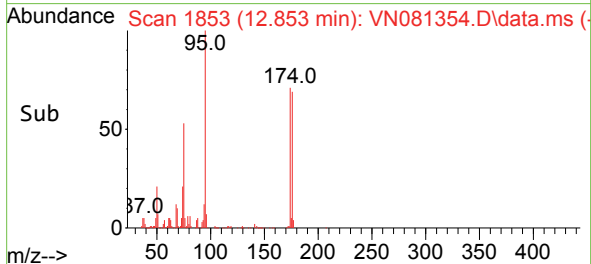
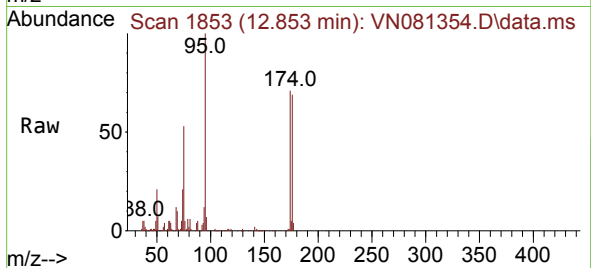




#62
4-Bromofluorobenzene
Concen: 45.070 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081354.D
Acq: 11 Mar 2024 11:18

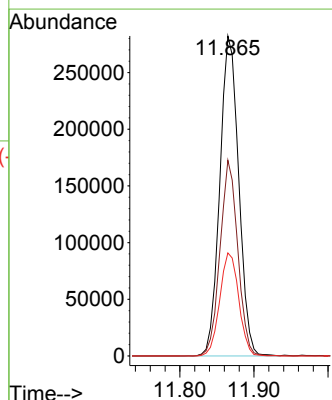
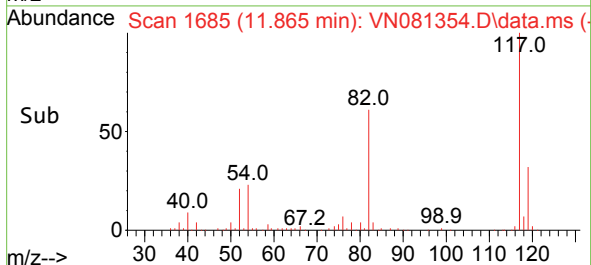
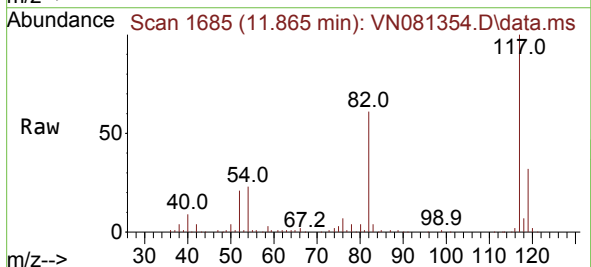
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBL01

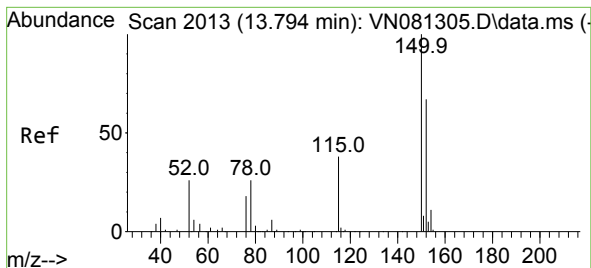
Tgt Ion: 95 Resp: 219295
Ion Ratio Lower Upper
95 100
174 69.4 0.0 120.4
176 65.9 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN081354.D
Acq: 11 Mar 2024 11:18

Tgt Ion: 117 Resp: 499377
Ion Ratio Lower Upper
117 100
82 61.2 52.7 79.1
119 32.2 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN081354.D

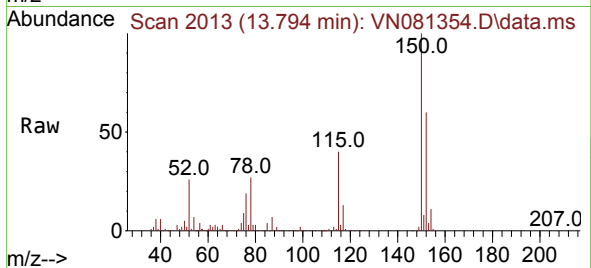
Acq: 11 Mar 2024 11:18

Instrument :

MSVOA_N

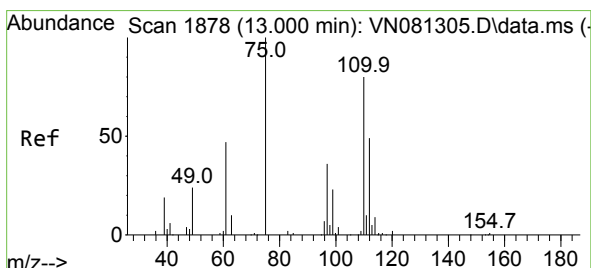
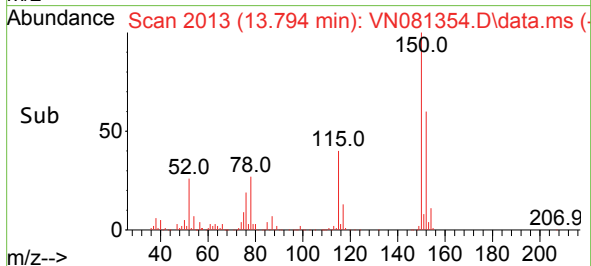
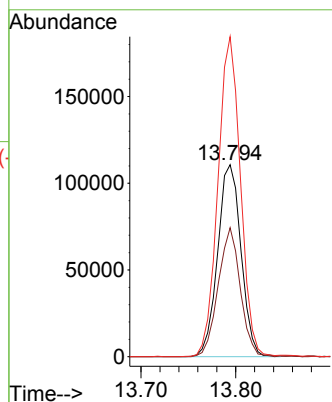
ClientSampleId :

VN0311WBL01



Tgt Ion:152 Resp: 189919

Ion	Ratio	Lower	Upper
152	100		
115	63.3	32.3	96.8
150	161.0	0.0	339.8



#76

1,2,3-Trichloropropane

Concen: 26.657 ug/l

RT: 12.847 min Scan# 1852

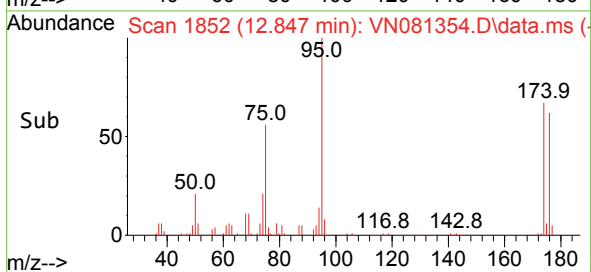
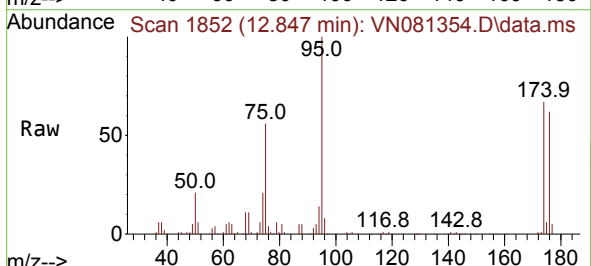
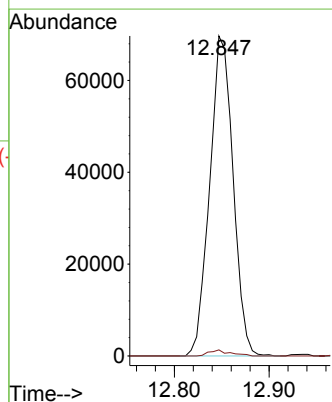
Delta R.T. -0.153 min

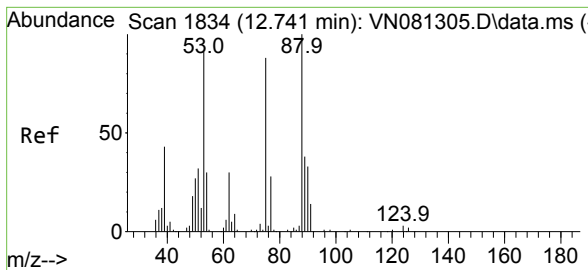
Lab File: VN081354.D

Acq: 11 Mar 2024 11:18

Tgt Ion: 75 Resp: 119581

Ion	Ratio	Lower	Upper
75	100		
77	1.7	91.0	272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.396 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN081354.D
 Acq: 11 Mar 2024 11:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBL01

Tgt Ion:	75	Resp:	119581
Ion	Ratio	Lower	Upper
75	100		
53	0.1	71.4	107.2#
89	0.1	33.4	50.0#

